HANNSpree

HANNspree

48,3cm(19")
Liquid Crystal Display Television
Flüssigkristallbildschirm
Téléviseur à Écran à Cristaux Liquides
TV de Pantalla de Cristal Líquido
TV LCD
TV Ecrã de Cristais Líquidos
ЖКД ТВ
LCD-tv
Telewizor ciekłokrystaliczny
LCD TV
LCD TV
LCD TV
LCD TV
Folyadékkristályos TV
РК-телевізор
Televizoru LDC
LCD телевизор
TV cu LCD
LCD TV
Televizora s ekranom od tekućih kristala

S_ST19B_UM_EU_V02_H
PN:1506-0EDB000

User's Manual

HANNSPREE, INC.
www.hannspree.com

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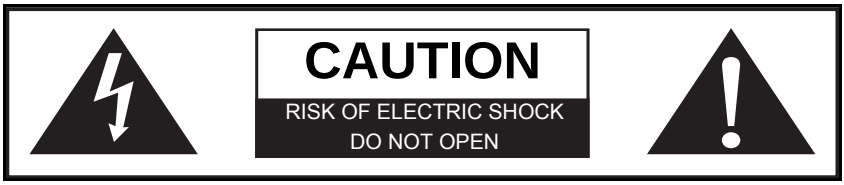
Regulatory Information

CE Conformity Statement

This device is in conformity with the requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility and Directive 2006/95/EC on the harmonization of the laws of Member States relating to electrical equipment for use within certain voltage limits. Hannspree cannot accept responsibility for any failure to satisfy the requirements resulting from a non-recommended modification of the device.

Description of Warning Symbols



WARNING

This symbol is used to alert users to pay attention to important descriptions regarding usage, maintenance (repair), and additional important information related to this TV.

CAUTION

This symbol is used to alert users to the risk of electric shocks due to dangerous and uninsulated components.

Safety Notices

Installation Safety Notes

Location

Avoid allowing the TV to get prolonged exposure to sunlight or other strong sources of heat. Leave sufficient distance between the TV and the wall to provide enough space for the emission of heat.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Notes:

- **The LCD TV is for entertainment use only and visual display tasks are excluded.**
- **This device uses a VGA connector to connect to a PC. To reduce the influence of main frequency on the source signal, use a VGA monitor cable with ferrite shield.**

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Personal Safety

1. To avoid overloading the power supply, never plug too many electrical devices into an outlet, power strip, or extension cable.
2. Dangerous high-voltage electric power components are located inside the TV. To avoid electric shock, do not disassemble the casing.
3. Do not place or drop metals, small objects, or flammable materials into the vent of the TV.
4. If the TV is dropped, falls down, or is otherwise damaged, unplug the power cord immediately and contact an authorized service technician.
5. If any fluid is sprayed or dropped into the TV, contact an authorized service technician.
6. The screen of the TV is made of glass. Avoid hitting or scraping it. If the screen is broken, do not touch the broken glass.
7. Do not allow children to use the TV unattended.
8. Be careful when disconnecting the power plug. Hold the plug. Do not attempt to disconnect the plug by pulling on the power cord.

Installation

1. Do not place the TV in locations where there is excessive steam or dust.
2. Avoid blocking the TV's vents, do not place the TV on a bed, sofa, carpet, or in a sealed cabinet.
3. Install the outdoor antenna away from power transmission lines to avoid possible danger.

Preface

Thank you for purchasing a Hannspree Liquid Crystal Display Television (LCD TV). Your new TV will allow you to enjoy superior audio and video while enriching your lifestyle with advanced technology.

Please carefully read this manual in its entirety before setting up, using or operating your TV. To ensure the safe and correct installation and operations of the TV, it is important that the safety and operation instructions in this manual are followed.

This instruction manual is designed to assist you in setting up and using the TV. The information in this manual has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this manual is subject to change without notice.

To the extent allowed by applicable law, Hannspree, Inc. (“Hannspree”) shall not be liable for direct, indirect, special, exemplary, incidental or consequential damages arising from any defect or omission in this manual, even if advised of the possibility of such damages in advance.

Warranty and Service

For complete warranty service information, please refer to the “Warranty Card” enclosed with your TV.

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English

1 Getting Started

1.1 Package Contents

Make sure the following components are included in the box. Please contact Hannspree Customer Service immediately if anything is missing or damaged.

- TV
- User's manual
- Quick start guide
- Warranty card
- Power cord
- Remote control and batteries
- TV cleaning cloth

ME61

According to WEEE regulation, this TV can't be handled as normal trash in Europe when it is out of usage. Please refer to the recycle information from our website to handle it.

1.2 Introducing the TV

You can watch SECAM/ PAL/ DVB-T broadcast, cable, or digital television channels, and easily connect a VCR, STB or DVD player to the SCART, HDTV (Component), AV(Composite), and HDMI input ports (location of these ports depends on model). You can also use the TV as a monitor for your PC by connecting it through the VGA port.

Convenient control buttons located on the TV and a handy remote control let you change channels, adjust the volume, and change display settings through an easy-to-use on-screen display menu system. The built-in stereo speakers provide full rich sound and a convenient audio output port lets you connect to an external audio system or earphones.

1.3 Features

- TV Tuner: Built-in TV Tuner
- Audio/ Video support:
  - SCART inputs
  - VGA (PC) input
  - HDMI inputs
  - HDTV (Component) input
  - R/L audio inputs
  - PC line input
  - 3.5 mm stereo earphone output
  - AV(Composite) input
- On-Screen Display (OSD) menu system
- Teletext (TV RF+SCART) 1.5v. with 500 pages memory
- Built-in stereo speakers
- Image Enhancement Technology
  - 3:2/2:2 pull down
  - 3D Comb Filter
  - HD-ready TV
- Noise Reduction
- Advanced 3D de-interlacing
- Edge Enhancement

Note:

- The supporting devices mentioned in this manual may vary on different models. For more information, please refer to the manufacturer's user manual or the Quick Start Guide of your TV model.

1.4 Control Panel

Description	Button	Function
Power		Press to turn the TV on or off.
Input source	**INPUT**	Press to select the proper input source.
Menu	**MENU**	Press to turn the on-screen display (OSD) menu on / off.
Program select	**P▲**	Press to increase the program number or move upward to the previous item on the OSD menu.
Program select	**P▼**	Press to decrease the program number or move downward to the next item on the OSD menu.
Volume adjust	**VOL +**	Press to increase the volume or move to the right on the OSD menu.
Volume adjust	**VOL -**	Press to decrease the volume or move to the left on the OSD menu.
Remote IR sensor		Receive incoming remote control commands.
Power/ Standby indicator		Indicate power or standby status, power on/off represent to Green/Red light indicators.
Speakers		Deliver high-quality sounds.

1.5 Input and Output Jacks

Description	Connector	Function
Cable/Antenna		Connect to an antenna or cable TV.

Description	Connector	Function
Earphone Output		Connect to earphones or external speakers with built-in amplifier.
Component/ CVBS Inputs audio		Connect to an external device, such as a VCR, STB, or a DVD player.
Component Inputs (Video)		Connect to an external device, such as a VCR, STB, or a DVD player.
PC Audio Input		Connect to a PC's line / audio port.
SCART IN/OUT		Connect to an external device, such as a VCR, STB, or a DVD player with AV, S-Video, RGB, L/R IN, Analog TV Out, and L/R Out.
VGA (PC) Input		Connect to a PC's VGA port.
Service		Service only. Not available for users.
Video		Connect to an external device, such as a VCR, STB, or a DVD player.
CI		Connect to a CI device.
HDMI 1 Input		Connect a HDMI equipment or an HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
HDMI 2 Input		Connect a HDMI equipment or an HDMI-DVI adapter cable to devices such as a DVD player or set-top box.

Description	Connector	Function
Power Connector	AC IN	Connect to the included power cord.

1.6 Remote Control

Description	Icon	Function
Power		Press to turn the TV on or off.
Input Signal Type	**INPUT**	Press to select the input signal type selections: TV, DTV, SCART, AV, HDMI 1, HDMI 2, HDTV, and PC.
Keypad	1 2 3 4 5 6 7 8 9 0	Use to select a program directly. Press 0-9 to enter the program numbers (press 1 and 0 for program 10).
Pro.List	**Pro.LIST**	Press to display the programs contained.
Last	**LAST**	Press to return to the last channel selected.
Information	**INFO**	1. Press to display current channel/program information. 2. During DTV menu selection, press to display help information about Channel Organizer, Channel Sorting, Channel Grouping, Time and Parental Rating.
Menu	**MENU**	Press to turn the on-screen display (OSD) menu on / off.
OK	**OK**	Press to confirm selection.

Description	Icon	Function
Arrows	▲ ▼ ◀ ▶	Press up, down, left or right to scroll through the on-screen display menus.
Electronic Program Guide	**EPG**	Press to display detailed programming information for channels (only for DTV).
Teletext mode	**TEXT**	Press to active teletext.
Volume adjust	**VOL+ / VOL−**	Press VOL + to increase audio volume. Press VOL - to decrease audio volume.
Mute	**MUTE**	Press to eliminate sound. Press it again or press the volume adjust buttons to restore sound.
Dual sound	**I-II**	Press to change the multi sound selection of the TV channel.
Select program	**P▲ / P▼**	Press P▲ to increase the program number. Press P▼ to decrease the program number.
Red, Green, Yellow, Blue	● ● ● ●	Press the colored buttons to perform specific tasks in the OSD menu or teletext mode.
Index	**INDEX**	Press to display a table of the available teletext subjects. (Programmable in the teletext mode only)
Mix	**MIX**	Press to display the teletext over the program on the screen. (Programmable in the teletext mode only)
Adjust size	**SIZE**	Press to adjust screen size. (Programmable in the teletext mode only)

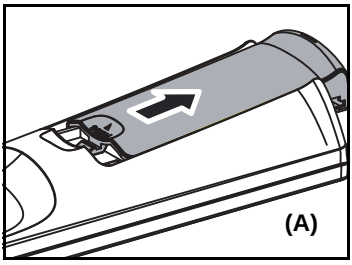
Description	Icon	Function
Subtitle	SUBTITLE	With an ATV source, if teletext mode is activated and the teletext has a subtitle page, press to display the subtitle page. With a DTV source, press to display the subtitle OSD, and select the language.
Hold	HOLD	Press to inactivate automatic page change which only occurs when more than one teletext page exists. (Programmable in the teletext mode only)
Reveal	REVEAL	Press to display the hidden information, such as solutions to puzzles. (Programmable in the teletext mode only)
Sound Mode	SOUND	Press continuously to toggle through all the sound setting: Standard, Music, Movie, Speech, or User.
Picture Mode	PIC	Press continuously to toggle through all the picture setting: Vivid, Soft, User, Standard.
Favorite channel	FAV.	Press to open favorite list menu and press ∧ / ∨ to select channels. Press OK to go to the selected channel.
Freeze	FREEZE	Press to pause a video frame on-screen. (Programmable in the TV source only)
Sleep timer	SLEEP	Press repeatedly to set the sleep timer (15, 30, 45, 60, 90 or 120 minutes). Cancel the timer by selecting the Sleep Off option.
Aspect ratio	ASPECT	Press to adjust the width-to-height ratio of the image with aspect ratio: AUTO, Full, Normal, Panorama, Zoom, Subtitle and Wide.

Note:

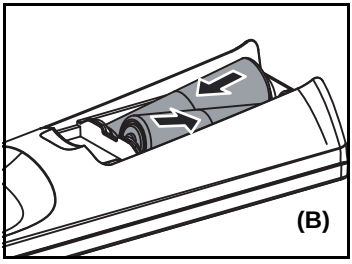
- For best results, use the remote control within a proper distance from the front of the TV. Do not exceed an angle of 30 degrees when pointing at TV.
- The operational distance may be shortened when the signal sensor is directly exposed to strong light.
- Aim the transmitter on the remote control at the signal sensor and ensure that there are no obstacles between them.

1.7 Inserting the Remote Control Batteries

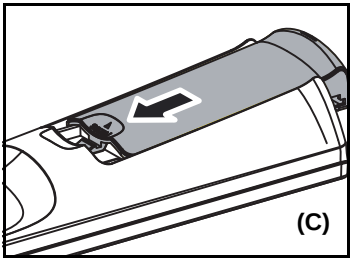
1 Open the battery compartment cover at the back of the remote control (A).



2 Insert the batteries paying attention to the polarity markings inside the battery compartment (B).



3 Replace the battery compartment cover (C).



CAUTION

- If the remote control is not used for a long period, remove the batteries and store them properly.
- Handle damaged or leaking batteries carefully, and wash hands with soap if they come in contact with leaked chemical fluids.
- If your remote control has two batteries, do not mix new and old batteries, or the life of the new batteries will be shortened. Chemical fluids may leak from the old batteries.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.
- Refer to your local recycling or waste disposal rules and contact a local waste disposal vendor to dispose of used batteries.
- The remote control cover may have a magnet in it, so do not place magnetic sensitive items such as watches, credit cards, or flash media close to the cover.
- Do not use force when pulling the remote control cover open; you may damage the hinge.

English

2 Setting up your TV

2.1 Basic Connections

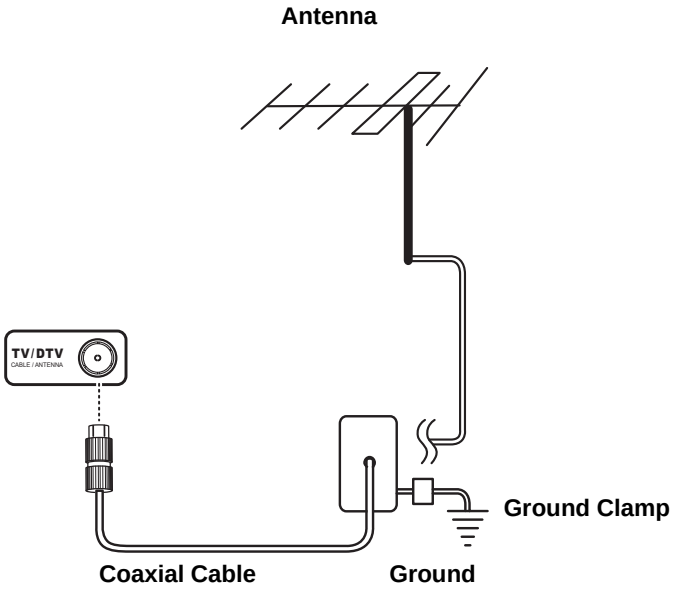
2.1.1 Power Connection

1 Connect the power cord to the AC IN input jack on the rear of the TV.

2 Insert the plug at the other end of the power cord into a power outlet.

2.1.2 Connecting an Antenna or Cable TV

Connect one end of the VHF/UHF (Antenna) or CATV cable to TV/DTV jack on the rear of the TV.

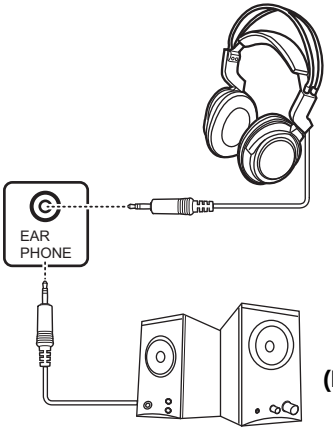


Note:
- Images are for illustration only and may vary by model or region.
- If you cannot receive channels after connecting to an antenna or cable TV line, try scanning for channels.

2.2 Connecting External Devices

Connect external devices such as VCRs, STBs, DVD players, video game consoles, earphones, or a PC to the TV using the appropriate ports on the rear of the TV.

2.2.1 Connecting External Earphones



Headphones

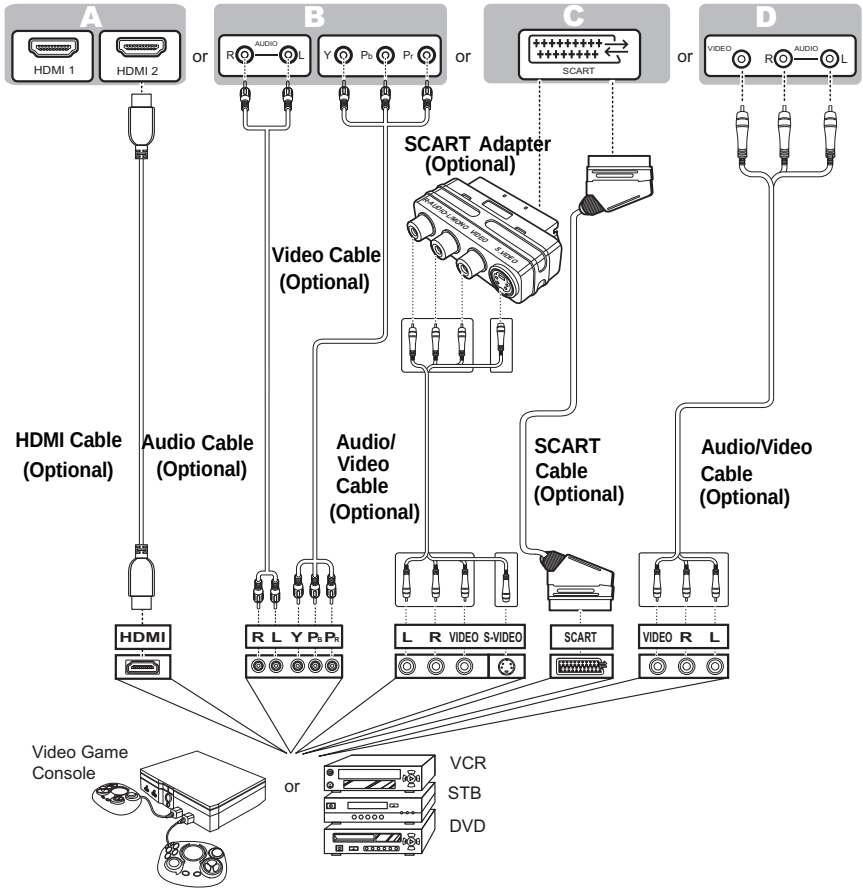
Speakers
(Built-in Amplifiers)

Note:

- External speakers or headphones are not included with the TV.
- The internal TV speakers will not output sound when headphones are plugged in.
- Use external speakers with built-in amplifiers only.
- Only one external device for sound can be connected at a time.

2.2.2 Connecting to AV Devices

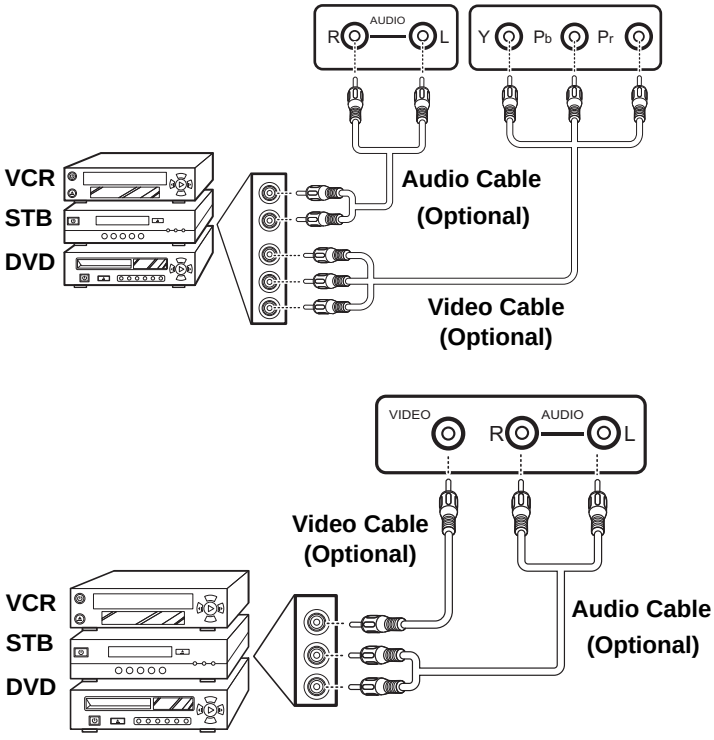
The following diagram illustrates how to connect the AV devices to your TV via HDMI (A), Component / AUDIO (B), SCART (C), VIDEO / AUDIO (D) ports.



Note:
The audio ports shown in Component / Audio (B) and Video / Audio (D) are physically the same ports. Only a set of the audio ports can be selected when connecting AV devices.

2.2.3 Connecting a VCR / STB / DVD Player Using Component / VIDEO

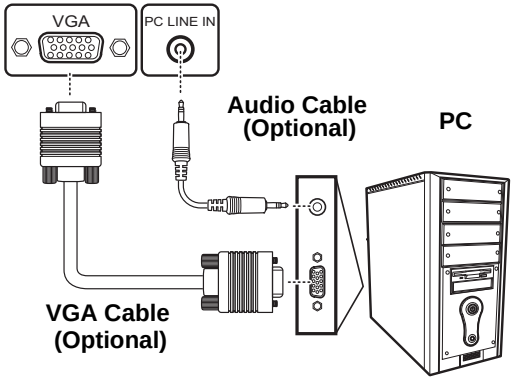
Connect the TV to a VCR / STB / DVD player using the component / VIDEO inputs.



2.2.4 Connecting a PC using VGA

Connect the TV to your PC to use it as the monitor using the VGA port as shown.

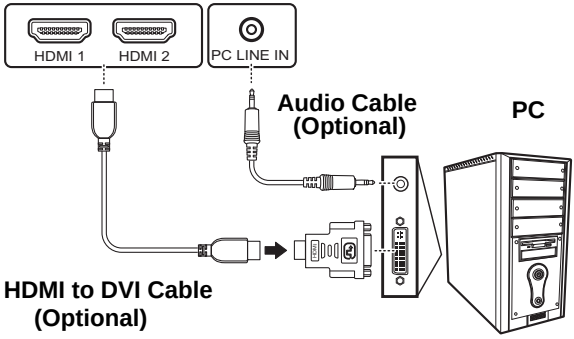
1. Connect the VGA port of the TV to the VGA output of the PC.
2. Connect the line out port of the PC to the PC LINE IN port of your TV to listen to audio from the PC.



2.2.5 Connecting a PC using DVI

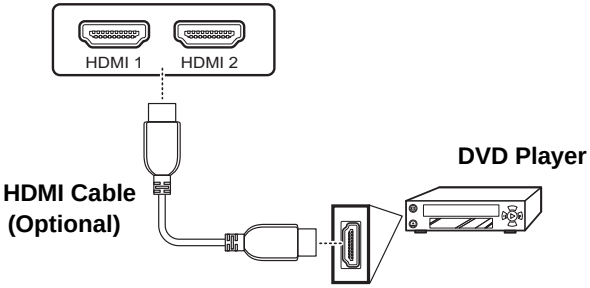
Connect the TV to your PC to use it as the monitor using the DVI port as shown.

1. Connect the HDMI port of the TV to the DVI output of the PC.
2. Connect the line out port of the PC to the PC LINE IN port of your TV to listen to audio from the PC.



2.2.6 Connecting HDMI

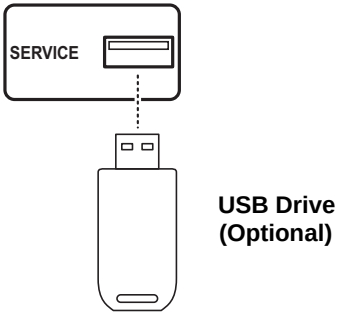
HDMI (High Definition Multimedia Interface) assures that the best video signal is always sent from source to the TV. Refer to the following illustration to connect an HDMI device to the TV.



Note:
When the HDMI cable is connected, connecting the audio cable is not necessary. However, it is necessary to do so if a HDMI to DVI cable is connected.

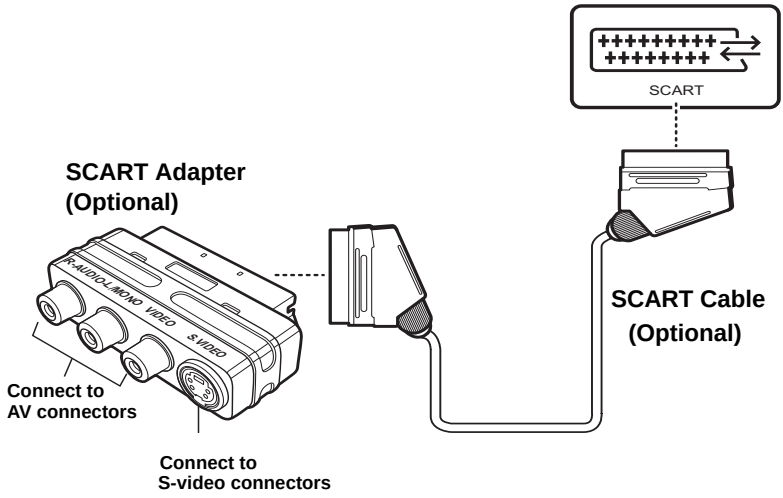
2.2.7 Connecting USB

Service port, for DTV F/W update only.



2.2.8 Connecting a VCR/ STB/ DVD Player using SCART

Use the SCART port to connect a TV, VCR, VCD, DVD player or video game console. You can choose to use a SCART cable or SCART adapter (optional) for the connection depending on the ports available on your player.



Note:

- The S-Video connector and AV connectors cannot be connected at the same time, or the wrong signals might be generated.
- The cables are color-coded (black, red, white, and yellow). Connect each color-coded cable to the appropriate connector on your device.

2.3 Using the TV

2.3.1 Turning the TV On and Off

1 Press ⏻ on the control panel or remote control. The power LED indicator on the TV changes from red to green, indicating that the TV is on.

2 Press ⏻ again. The power LED changes from green to red, indicating that the TV is off.

2.3.2 Switching Source Signals

Press **INPUT** on the control panel or remote control to select the incoming source signal.

2.3.3 Performing an Automatic Channel Search

Before using the TV to view programs, you need to activate the channel search first.

1 Press **MENU** on the control panel or remote control, then select to enter the Channel / DTV menu.

2 Select Auto Search.

3 Press ❯ on the remote control to run the channel search.

2.3.4 Selecting Channels

- Press **P▲** on the remote control or control panel to increase the channel number.
- Press **P▼** on the remote control or control panel to decrease the channel number.
- Enter the specific channel number by pressing the number buttons on the remote control.

2.3.5 Adjusting the Volume

1 Press **VOL+** on the control panel or remote control to increase the volume.

2 Press **VOL-** on the control panel or remote control to decrease the volume.

3 Press **MUTE** to eliminate sounds, and press **MUTE** again or press the volume buttons to restore the original volume.

3 Adjusting On-Screen Display (OSD) Settings

The On-Screen Display (OSD) menu system provides a quick and simple method to adjust the TV settings. The OSD menu can be accessed conveniently through the buttons on the remote control.

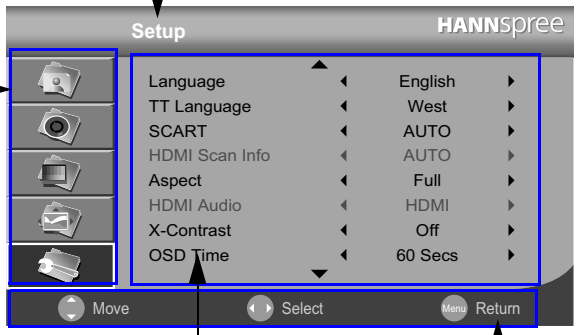
Before going into details of each OSD option, you may get acquainted with the placement of the OSD system:.

CURRENT MENU:

Displays the title of the currently selected menu.

MAIN MENU:

Displays a list of menu items. The selected item is highlighted by a dark blue color than other menu items.



ADJUSTABLE Options:

Displays the setting/value of the adjustable options.

INSTRUCTIONS:

Quick instructions for adjusting the settings.

Function	TV Control Panel	Remote Control
OSD Menu	MENU	MENU
Up	P▲	Arrow ^
Down	P▼	Arrow v
Select/ Increase	VOL +	Arrow >
Select/ Decrease	VOL –	Arrow <
Return	MENU	MENU

3.1 OSD Setting Menus

Follow the instructions indicated on the down side of the OSD Function Menu. Press **P▲/P▼**on the control panel or ^ / v arrow keys to scroll through the menus, **VOL +** on the control panel or the > arrow key to select an item, or **MENU** to exit the OSD menu.

The following menus can be set by different adjustment methods.

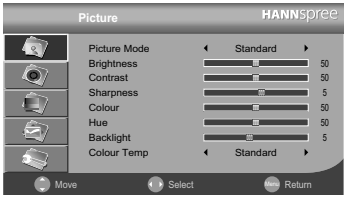
3.2 Adjusting Picture Settings

1 Press **MENU** to enter the OSD Main Menu screen. The **Picture** menu is then displayed.

2 Press > to enter the **Picture** menu.

3 Press ^ / v to select an item.

4 Press < / > to adjust the scales or options settings.



5 Press **MENU** to return to the **Picture** menu entry.

6 Press **MENU** to exit the OSD menu.

- The **Picture** menu can be used to adjust the **Picture Mode**, **Brightness**, **Contrast**, **Sharpness, Colour, Hue, Backlight,** and **Colour Temp** settings.
  - The **Picture Mode** can be set to **Standard**, **Vivid**, **Soft**, or **User**.
  - The **Brightness**, **Contrast**, **Colour**, and **Hue** (NTSC only) can be adjusted by pressing < / > to move the scales from 0-100.
  - The Sharpness can be adjusted by pressing < / > to move the scales from 0-9.
  - The **Backlight** helps to manually turn down the backlight in dark scenes, generating a deeper black color. Press < / > to adjust the scales from 1-10.
  - The **Colour Temp** can be set to **Standard**, **Warm**, or **Cool**.

Note: The options available on the OSD may vary depending on the input signal source.

3.3 Adjusting Sound Settings

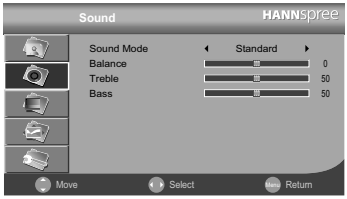
1 Press **MENU** to enter the OSD Main Menu screen.

2 Press ⌄ to select the **Sound** menu.

3 Press › to enter the **Sound** menu.

4 Press ⌃ / ⌄ to select an item.

5 Press ‹ / › adjust the scales or options settings.



6 Press **MENU** to return to the **Sound** menu entry.

7 Press **MENU** to exit the OSD menu.

- The **Sound** menu can be used to adjust the **Sound Mode**, **Balance**, **Treble**, and **Bass** settings.
  - The Sound Mode can be set to **Standard**, **Music**, **Movie**, **Speech**, or **User**.
  - The Balance can be adjusted by pressing ‹ / › to move the scales from -50 to 50.
  - The **Treble** and **Bass** can be adjusted by pressing ‹ / › to move the scales from 0-100.

Note: The options available on the OSD may vary depending on the input signal source.

3.4 Adjusting Channel Settings

1 Press **INPUT** and select TV as the signal type.

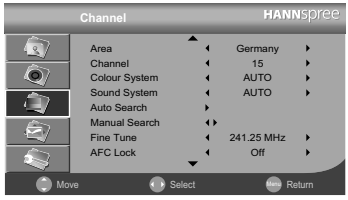
2 Press **MENU** to enter the OSD Main Menu screen.

3 Press ⌄ to select the **Channel** menu.

4 Press › to enter the **Channel** menu.

5 Press ⌃ / ⌄ to select an item.

6 Press ‹ / › adjust the scales or options settings.



7 Press **MENU** to return to the **Channel** menu entry.

8 Press **MENU** to exit the OSD menu.

- The **Channel** menu can be used to adjust the **Area**, **Channel**, **Colour System**, **Sound System**, **Auto Search**, **Manual Search**, **Fine Tune**, **AFC Lock**, **Channel Edit** and **Parental Lock** settings.

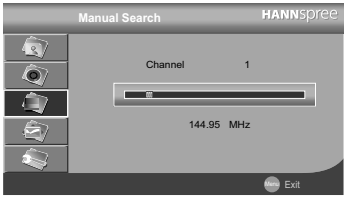
  • The Area can be set to **Germany**, **UK**, **Italy**, **Spain**, **Portugal**, **France**, **Hungary**, **Poland**, **Netherlands**, and **Other**.

  • Channel can be used to select channels by pressing < / >.

  • The Colour System can be set to **AUTO**, **PAL**, and **SECAM**.

  • The Sound System can be set to **AUTO**, **BG**, **DK**, **I**, **L**, and **L'**.

  • Select Auto Search to activate the automatic TV channel search. Select Manual Scan to search the TV channels manually.

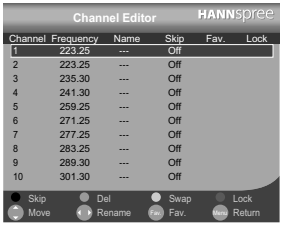


  • Press < / > to adjust the channel frequency in Fine Tune.

  • The AFC Lock can be set to **On** or **Off**.

  • Press > to enter the **Channel Edit** menu, the Channel Editor allows you to edit the detailed items, including **Name**, **Skip**, **Fav** and **Lock** for each channel.

- To change the channel name, select the channel and press ❮ / ❯ to open Channel Editor. Input the channel name you prefer using the on screen keys and select **Save**.



- Press the Red button on the remote control to skip the channels.
- Press the Green button on the remote control to delete the channels.
- Press the Yellow button on the remote control to swap the channels.
- Press the Blue button on the remote control to lock the channels.
- Press the Up / Down button on the remote control to move the channels.
- Press the Left / Right button on the remote control to rename the channels.
- Press the FAV button on the remote control to add / delete favorite channels.
- Press the Menu button on the remote control to exit Channel Editor.

• The Parental Lock allows you to change the password.
- Press the Keypad on the remote control to enter the passwords.

Note: The Channel Settings are only available in TV mode.

3.5 Adjusting DTV Settings

1 Press **INPUT** and select DTV as the signal type.

2 Press **MENU** to enter the OSD Main Menu screen.

3 Press ❯ to select the **DTV** menu.

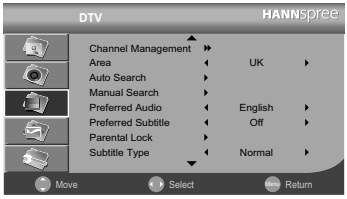
4 Press ❯ to enter the **DTV** menu.

5 Press ❮ / ❯ to select an item.

6 Press ❮ / ❯ to change the scales or options settings.

7 Press **MENU** to return to the **DTV** menu entry.

8 Press **MENU** to exit the OSD menu.

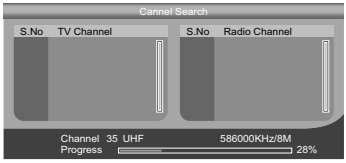


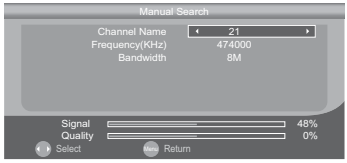
- The **DTV** menu can be used to adjust the **Channel Management**, **Area**, **Auto Search**, **Manual Search**, **Preferred Audio**, **Preferred Subtitle**, **Parental Lock**, **Subtitle Type**, **Time**, **CI** and **Parental Rating**.

• The Channel Management selections include **Channel Organizer**, **Channel Sorting**, **Channel Grouping**, and **Delete All TV Channels**.

• The Area can be set to **Germany**, **UK**, **Italy**, **Spain**, **Portugal**, **France**, **Hungary**, **Poland**, **Netherlands** and **Other**.

• Select Auto Search to activate the automatic TV channel search. Select Manual Scan to search the TV channels manually.





• Preferred Audio can be set to **English**, **France**, **Germany**, **Italy**, **Spain**, **Portugal**, **Denmark**, and **Czech**.

• Preferred Subtitle can be set to **Off**, **English**, **France**, **Germany**, **Italy**, **Spain**, **Portugal**, **Denmark**, and **Czech**.

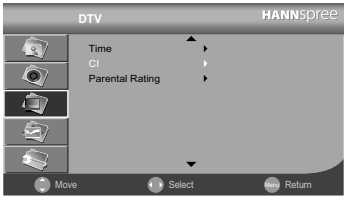
• The Channel Organizer supports channel swap function. To select one channel that you prefer to exchange, press the Yellow button on the remote control, then press the numeric button on the remote control to input the channel that you want to exchange with, press the OK button on the remote control to complete.

• The Parental Lock allows you to change the password.

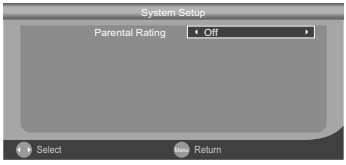
Note: The original password is set to 0000 by default.

- The Subtitle Type can be set to **Normal** or **Hearing Impaired**.
- The Time selection includes GMT Offset and Summer Time.
  - Press ❮ / ❯ to adjust the GMT Offset to **AUTO** or other time zones.
  - Press ❮ / ❯ to adjust Summer Time to **On** or **Off**.

- Select CI to access the Common Interface.

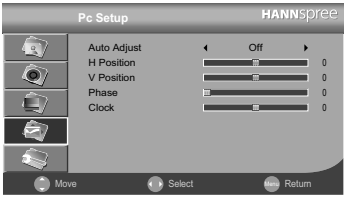


  - Press ❯ to enter the Common Interface menu.
- The Parental Rating allows you to select Parental Rating.



  - Press the Keypad on the remote control to enter the passwords.
  - Press ❮ / ❯ to adjust the Parental Rating from **4** to **18** or **Off**.

3.6 Adjusting PC Settings



1. Press **INPUT** and select **PC** as the signal type.
2. Press **MENU** to enter the OSD Main Menu screen.
3. Press ⌄ to select the **PC** menu.
4. Press › to enter the **PC** menu.
5. Press ⌃ / ⌄ to select an item.
6. Press ‹ / › adjust the scales or options settings.
7. Press **MENU** to return to the **PC** menu entry.
8. Press **MENU** to exit the OSD menu.

- The **PC** menu can be used to adjust the **Auto Adjust**, **H Position**, **V Position**, **Phase** and **Clock** settings.
  - The Auto Adjust can be set to **On** or **Off**.
  - The H Position and V Position can be adjusted by pressing ‹ / › to move the scales from -16 to 16.
  - The Clock can be adjusted by pressing ‹ / › to move the scales from -50 to 50.
  - Phase can be adjusted by pressing ‹ / › to move the scales from 0 to 31.

3.7 Adjusting Setup Settings

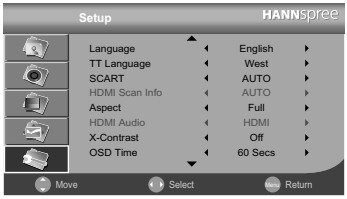
1 Press **MENU** to enter the OSD Main Menu screen.

2 Press ⌄ to select the **Setup** menu.

3 Press › to enter the **Setup** menu.

4 Press ⌃ / ⌄ to select an item.

5 Press ‹ / › to change the scales or options settings.

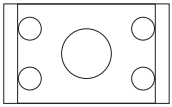
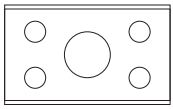
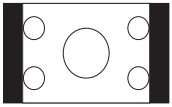
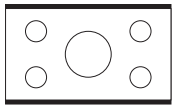
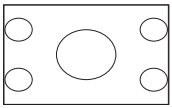
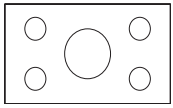
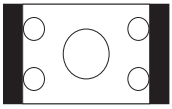
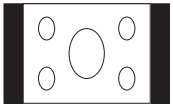
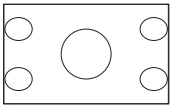
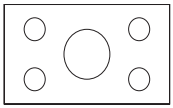
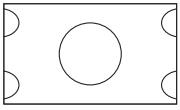
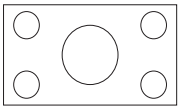
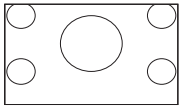
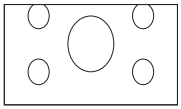
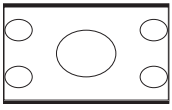
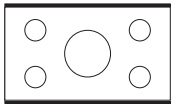


6 Press **MENU** to return to the **Setup** menu entry.

7 Press **MENU** to exit the OSD menu.

- The **Setup** menu can be used to adjust the **Language**, **TT Language**, **SCART**, **HDMI Scan Info**, **Aspect**, **HDMI Audio**, **X-Contrast**, **OSD Time**, **Reset**, **Background**, **Initial Setup**.
  - The available Language selections are **English**, **Italiano**, **Español**, **Português**, **Français**, **Deutsch**, **Magyar**, **Polski**, and **Nederlands**.
  - The available TT Language selections are **West**, **East**, **Hungary**, **Arabic**, and **Farsi**.
  - The SCART selections include **AUTO**, **CVBS**, **RGB**, and **S-VIDEO**.
  - The available selections in HDMI Scan Info are **AUTO**, **Overscan**, **Underscan**. (Available only when signals are provided via a HDMI connection)
  - The available Aspect selections include **AUTO, Full, Normal, Panorama, Zoom**, **Subtitle** and **Wide**.
  - The available HDMI Audio selections include **HDMI** and **Analog In**. (Available only when signals are provided via a HDMI connection)
  - The X-Contrast can be set to **On** or **Off**.
  - OSD Time can be set to **10 Secs**, **20 Secs**, **30 Secs**, and **60 Secs**.
  - Select Reset Setting to reset settings to the defaults.
  - Background can be set to **Blue** or **Off**.
  - Select Initial Setup to do Channel auto search.

• The **Aspect** mode selections include Auto, Full, Normal, Panorama, Zoom, Subtitle and Wide. Please see below for details.

Type	4:3	16:9
Content		
AUTO		
Full		
Normal		
Panorama		
Zoom		
Subtitle		
Wide		

Note: The options available on the OSD may vary depending on the input signal source.

4 Troubleshooting

Situation	Solution
No picture and sound.	• Connect the power cord properly. • Check if the power LED is on or not. • Press ⏻ on the control panel or remote control. • Press Input to cycle through connected video sources. • Press **P▲** or **P▼** to switch to other TV programs. • Make sure all cables are connected properly.
No picture, or poor picture, sound is OK.	• Check the antenna and cable connections. • Adjust the brightness in the **Picture** OSD menu.
Picture is not in color.	• Adjust the **colour** option in the **Picture** OSD menu.
Picture is OK, no sound.	• Make sure the source device is functioning properly. • Make sure the audio cable is connected securely. • Turn the mute off. • Press **VOL +** on the control panel or remote control.
One of the speakers has no sound.	• Adjust the **balance** in the **Sound** OSD menu.
Cannot receive some TV channels using cable TV.	• Try the **Auto Search** function in the **Channel** or **DTV** OSD menu.
Want to reset TV settings.	• Use the **Reset** function in the **Setup** OSD menu.
Cannot operate menus.	• If OSD items are colored in gray, the system is in a state such that those settings are not available.
Screen image turns over.	• Make sure the video signal cable is connected properly.
Snow appears on the screen.	• Adjust the location of the antenna, placing it far from roads or sources of interference. • Check the antenna and the video signal line connections.
Blurred or overlapped images.	• Adjust the sharpness setting. • Choose programs with high quality signals. • Adjust the direction of the antenna or replace the video signal cable.
Remote control doesn't work.	• Make sure the battery is inserted correctly. • Replace the battery with a new one. • Make sure the TV power cord is plugged in. • Make sure the path between the remote control and the sensor is clear. • Try operating the remote control at a closer distance to the TV.

5 Support Timing

PC Mode Support Timing

Mode	Resolution (active dot)	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Nominal Pixel Clock (MHz)	PC (VGA)	DVI to HDMI
VGA	640x480@60Hz	31.469	59.941	25.175	V	V
SVGA	800x600@60Hz	37.879	60.317	40	V	V
XGA	1024x768@60Hz	48.363	60.004	65	V	V
VESA	1280x720@60Hz	44.955	59.94	74.176	V	
WXGA+	1440x900@60Hz	55.935	59.887	106.5	V	V

Video Mode Support Timing

Resolution(active dot)	HDMI	HDTV (Component)
640x480p@60Hz	V	
720x480i@60Hz	V	V
720x480p@60Hz	V	V
720x576i@50Hz	V	V
720x576p@50Hz	V	V
1280x720p@60Hz	V	V
1280x720p@50Hz	V	V
1920x1080i@50Hz	V	V
1920x1080i@60Hz	V	V
1920x1080P@24HZ	V	V
1920x1080P@25HZ	V	V
1920x1080P@30HZ	V	V
1920x1080P@50Hz	V	V
1920x1080P@60Hz	V	V

6 Specifications

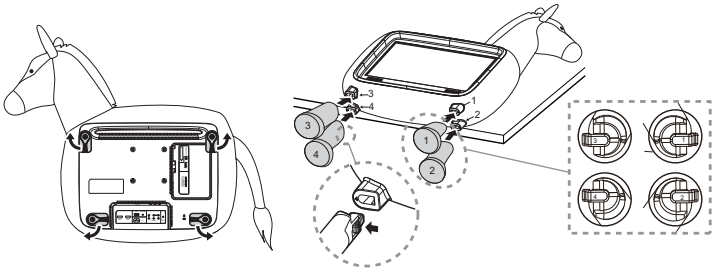
Screen Size	**48,3cm/19**”
LCD Panel	1440x900
Input Function	RF In
	SCART
	AV
	Component
	Component Audio RCA in
	HDMI x 2
	VGA
	VGA PC Line in
	CI support 5V
Output Function	Earphone Out
	Speaker 2.5W+2.5W
	SCART Out
Feature	HD Ready
	3D Combo Filter
	3D De Interlacer
	Noise Reduction
	3:2/2:2 Pull down
	X-Contrast (5000:1)
	24p input

7 Dissembling the stand base

1 Lay the animal flat on a stable surface with four holders hanging outside.

2 Match up each holder and foot of the animal with their number markings and attach all feet to the animal.

3 To insert each foot, press the release tab on the foot first as shown..



(For reference only)

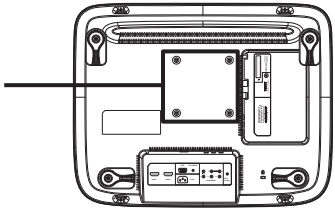
Wall mounting the TV:

1 Purchase a VESA compatible wall bracket: VESA 100 X 100, 4 holes, M4, 8mm, 15 kg.

2 Locate your ideal TV position on the wall.

3 Fix the wall bracket firmly on the wall.

4 Secure the TV to the bracket using the 4 mount holes on the back and center of the TV.



Note:

- Please read the instructions of your specific wall bracket to properly wall mount the TV.
- The pitch of the mounting holes is 100mm horizontally and 100mm vertically.
- The screws type required is metric: M4, 8 mm length.
- The 19" TV stand base can be screwed on a table or a hard surface using the hole on the back of the stand base.

**Installing the LCD TV requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. Hannspree bears no responsibility for improper mounting or mounting that results in accident or injury. You can ask a qualified service personnel about using an optional bracket to mount the TV to the wall.*